



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/410,483	09/30/1999	PARTHASARATHY SARANGAM	042390.P7091	6937

7590

08/19/2002

ALOYSIUS TC AUYEUNG  
BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP  
12400 WILSHIRE BOULEVARD 7TH FLOOR  
LOS ANGELES, CA 90025

EXAMINER
----------

WON, YOUNG N

ART UNIT	PAPER NUMBER
----------	--------------

2155

4

DATE MAILED: 08/19/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/410,483

Applicant(s)

SARANGAM ET AL.

Examiner

Young N Won

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2155

## DETAILED ACTION

### *Response to Amendment*

1. Claims 1-28 has been re-examined, claims 29-31 have been added and examined, and the arguments noted and addressed.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-4, 6, 7, 10-13, 15-17, 20, 21, 23-28, and 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Day, II et al. (U.S. Pat. No.5968116).

As per claims 1, 10, 20, and 23, Day, II teaches of a method in a client device, an apparatus comprising logic (see title: Method and Apparatus), and an article of

Art Unit: 2155

manufacture comprising a machine readable medium having a plurality of machine readable instructions stored thereon (see col.11 lines 12-18), wherein when the instructions are executed by a processor, comprises: detecting alert events on a client or apparatus (see col.3 lines 56-57: interrogate and manipulate) using an integrated platform independent agent (see col.3 line 55: agent and col.5 lines 20-23) integrated with said client (see col.5 lines 57-58), while said apparatus functions in an operating system unavailable mode (see col.3 lines 58-64); reporting detected alert events (see col.6 lines 13-18) by said integrated platform independent agent to a remote alert proxy (see col.4 line 67: server) in a platform independent manner complemented by a platform type (see col.12 lines 39-41 & 43-45); and translating said reported alert events to platform specific alert events by said alert proxy (see col.10 lines 47-49 and col.15 lines 14-16).

As per claims 16, 25, and 27, Day, II teaches of a server with a method comprising, an apparatus comprising logic (see title: Method and Apparatus), and an article of manufacture comprising a machine readable medium having a plurality of machine readable instructions stored thereon (see col.11 lines 12-18), wherein when the instructions are executed by a processor, the instructions subscribe the processor to: receiving detected (see col.3 lines 56-57: interrogate and manipulate) alert events of a client device from an integrated platform independent agent (see col.3 line 55: agent and col.5 lines 20-23) of the client device, in a platform independent manner complemented with a platform type (see col.12 lines 39-41 & 43-45); and translating said received alert events to platform specific alert events (see col.7 lines 7-63).

As per claims 2 and 11, Day, II further teaches of detecting said alert events on said client further comprises detecting alert events while said client is in a reduced function state (see col.3 lines 63-64 and col.12 lines 6-7).

As per claims 3 and 12, Day, II further teaches wherein said reduced function state includes an operating system hung state (see col.1 lines 59-60 and col.2 line 36).

As per claims 4, 13, 21, and 24, Day, II further teaches wherein reporting said detected alert events further comprises: composing a network data packet (see col.4 line 57: message packet), said network data packet including an event code (see col.6 lines 23-27); and transmitting said network data packet including said event code to said remote alert proxy (see col.8 lines 1-3).

As per claims 6 and 15, Day, II further teaches wherein said event code includes a BIOS POST code (see col.11 lines 45-48).

As per claims 7, 17, 26, and 28, Day, II further teaches wherein translating said reported alert events further comprises referencing a description data file using said platform type (see col.12 lines 27-31).

As per claim 29, Day, II teaches of a system comprising: a computing device having a management application (see Fig.1 #120, #122, #160, & #162, and an alert proxy (see Fig.1 #106 & 108, and col.4 line 67: server), the alert proxy to translate command data received from the management application into device-specific control data (see col.10 lines 47-49 and col.15 lines 14-16); and an other computing device (see Fig.1 #190 & #192) coupled to the computing device having a platform-

Art Unit: 2155

independent alert detection element to report detected alert events to the computing device (see col.6 lines 13-18).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 5, 14, and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Day, II et al. (U.S. Pat. No.5968116) as applied to claims 1, 4, 10, 13, 20, and 21 above, and further in view of Nessett et al. (U.S. Pat. No.5968176). Day, II does not teach wherein composing said network data packet comprises encapsulating said network data packet according to at least one of a plurality of encapsulation protocols including a remote management and control protocol (RMCP) and a simple network management protocol (SNMP). Nessett teaches wherein composing said network data packet comprises encapsulating said network data packet according to at least one of a plurality of encapsulation protocols including a remote management and control protocol (RMCP) and a simple network management protocol (SNMP) (see col. 4 lines 31-34 and col.16 lines 31-42). It would have been obvious to a person of ordinary skill in the art, at the time the invention was made, to employ the teachings of Nessett within the system of Day, II, by encapsulation the data packet with such protocols, because this

Art Unit: 2155

would ensure that there is no conflict from the sending end to the receiving and produce a seemingly transparent network.

4. Claims 8 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Day, II et al. (U.S. Pat. No.5968116) as applied to claims 1, 7, 16 and 17 above, and further in view of Regnier et al. (U.S. Pat. No.5689708). Day, II does not teach wherein referencing said description data file comprises referencing a plain text "ini" file.

Regnier teaches wherein referencing said description data file comprises referencing a plain text "ini" file (see col.2 lines 45-49). It would have been obvious to a person of ordinary skill in the art, at the time the invention was made, to employ the teachings of Regnier within the system of Day, II, by making the data files be of a plain text "ini" file, because "ini" files are commonly used in servers in applying restrictions upon clients, thus making the system of Day, II more versatile and also to prevent further harm to the client system.

5. Claims 9, 19, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Day, II et al. (U.S. Pat. No.5968116) as applied to claims 1, 7, 16 and 17 above, and further in view of Attal (U.S. Pat. No.5860010).

As per claims 9 and 19, Day, II does not teach wherein referencing said description data file comprises referencing one of a management information format (MIF) file and a management information block (MIB) file. Attal teaches wherein referencing said description data file comprises referencing one of a management

Art Unit: 2155

information format (MIF) file (see col.4 lines 18-21 and col.5 lines 43-48) and a management information block (MIB) file (see col.7 lines 3-7). It would have been obvious to a person of ordinary skill in the art, at the time the invention was made, to employ the teachings of Attal within the system of Day, II, by making data files reference (MIF) and (MIB), because this allows for the server to perform debugging functions more specifically and precisely.

As per claim 30, Day, II does not teach wherein the alert detection element further to receive the translated command data and using the translated command data to set or clear registers within the other computing device. Attal teaches wherein the alert detection element further to receive the translated command data and using the translated command data to set or clear registers within the other computing device (see col.12 lines 14-16). It would have been obvious to a person of ordinary skill in the art, at the time the invention was made, to employ the teachings of Attal within the system of Day, II, by enabling the translated command data to set or clear the registers within the alert detection element of management system, because if action is to be taking place or already performed, the registers must be set or cleared in order to prevent the same alert from being sent again.

6. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over Day, II et al. (U.S. Pat. No.5968116) as applied to claims 29 above, and further in view of Martensen (U.S. Pat. No.6219708 B1).



Art Unit: 2155

As per claim 31, Day, II further teaches wherein the alert proxy transform device-specific alert data into platform specific events. Day does not teach of transforming into plain text explanation of the alert. Martensen teaches of alert explanation in text (see col.11 lines 63-67). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to employ the teachings of Martensen within the system of Day, II, by allowing alert proxy to transform alerts into plain text within the management system, because this would allow any person administering the system to observe alerts when performing manual system checks and also inevitably, there needs to be a person behind the alert proxy to occasionally check the overall system to ensure proper functionality.

### ***Response to Arguments***

7. In regards to claim 1, Day, II clearly shows, in reference to the limitations of claim 1, of translating alerted events to platform specific alert events by the communication service (see claim 1 rejection with new reference locations). Thus claims 2-4, 6-7, 10-13, 15-17, 20-21, and 23-28 are rejected by the reasons set forth in the first office action.

8. In regards to claims 5, 14, and 22, Nessett does not teach or suggest "translating said report alert events to platform specific alert events by said alert proxy," as recited in claim 1, but Day, II clearly does as explained above. Therefore, claims 5, 14, and 22

Art Unit: 2155

without further amendment stands, rejected by the reasons set forth in the original office action.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

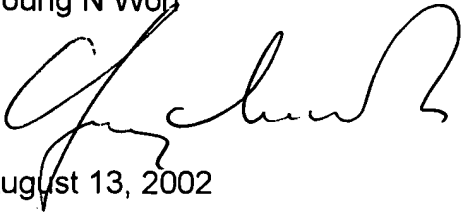
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Young N Won whose telephone number is 703-605-4241. The examiner can normally be reached on M-Th: 8AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 703-305-9648. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-305-5352 for After Final communications.

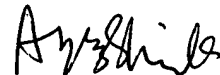
Art Unit: 2155

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Young N Won



August 13, 2002



AYAZ SHEIKH

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100